

High School to College and Career Pathway: Secondary

Area of Study: Skilled & Technical Sciences Education



Pathway: Building Trades Carpentry

Middle School		State Requirements			High School Suggested Education Plan				College & Careers																																										
7 th Grade	8 th Grade	Middle School		High School	9 th Grade Suggested	10 th Grade Suggested	11 th Grade Suggested	12 th Grade Suggested	Beyond High School																																										
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts	3.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	(1 additional credit—class of 2011)	<p>There are a number of options for education and training beyond high school, depending on your career goals.</p> <p>> Certificate</p> <p>> Associate degree</p> <p>> Bachelor's degree</p> <p>> Professional degree</p> <p>> On-the-job training</p> <p>> Apprenticeship</p> <p>> Military training</p>																																										
Pre-Algebra 1.00	Elem. Algebra or Applied Math 1.00	2.00	Math	2.00	Geometry or Applied Math II 1.00	Intermediate Algebra 1.00	(1 additional credit—class of 2011)																																												
Science .50	Science 1.00	1.50	Science	2.00	Earth Systems 1.00	Physics 1.00 or Physics with Technology 1.00	(1 additional credit—class of 2011)																																												
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies	2.50	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50																																											
P.E. 1.00	Health .50	1.50	P.E./Health	2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50																																													
The Arts .50	The Arts .50	1.00	Fine Arts	1.50	Fine Arts Courses 1.50																																														
			Financial Literacy	.50			Financial Literacy .50																																												
Keyboarding .50			Computer Tech.	.50	Computer Technology .50																																														
CTE Intro 1.00		1.00	Career and Technical Education	1.00	<div><div>Career and Technical Education Recommended Pathway Courses</div><div>(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)</div><div>CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL</div><table><thead><tr><th>Course #</th><th>Foundation Course: (required)</th><th>Credit</th></tr></thead><tbody><tr><td>46.0000</td><td>Construction Trades Foundation</td><td>.50</td></tr><tr><td>46.0201</td><td>Carpentry 1</td><td>1.00</td></tr><tr><td colspan="2">Elective Courses:</td><td></td></tr><tr><td>15.1301</td><td>Drafting & Design Technology</td><td>.50</td></tr><tr><td>46.0101</td><td>Masonry/Tile</td><td>1.00</td></tr><tr><td>46.0202</td><td>Carpentry 2</td><td>1.00</td></tr><tr><td>46.0302</td><td>Electrician 1</td><td>1.00</td></tr><tr><td>46.0499</td><td>Concrete Placing & Finishing</td><td>1.00</td></tr><tr><td>46.0501</td><td>Plumbing 1</td><td>1.00</td></tr><tr><td>48.0701</td><td>Woodworking</td><td>.50</td></tr><tr><td>48.0702</td><td>Furniture Design & Manufacturing</td><td>1.00</td></tr><tr><td>48.0703</td><td>Cabinetmaking</td><td>1.00</td></tr><tr><td>32.0199</td><td>Student Internship (Critical Workplace Skills)</td><td>.50</td></tr></tbody></table><div>Many Utah post-secondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional post-secondary Pathways for details.</div></div>					Course #	Foundation Course: (required)	Credit	46.0000	Construction Trades Foundation	.50	46.0201	Carpentry 1	1.00	Elective Courses:			15.1301	Drafting & Design Technology	.50	46.0101	Masonry/Tile	1.00	46.0202	Carpentry 2	1.00	46.0302	Electrician 1	1.00	46.0499	Concrete Placing & Finishing	1.00	46.0501	Plumbing 1	1.00	48.0701	Woodworking	.50	48.0702	Furniture Design & Manufacturing	1.00	48.0703	Cabinetmaking	1.00	32.0199	Student Internship (Critical Workplace Skills)	.50
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<div><div>Workforce Trends</div><div>Carpentry is a very large occupation in the United States. With the proper training and skills, job opportunities will be abundant.</div><div>Get the Facts</div><div>Each year, the U.S. adds about \$600 billion worth of new construction projects. In Utah, a carpenter must be licensed.</div></div>		<div>Core Curriculum and elective requirements may vary district to district. Check with your school counselor.</div> <div>Concurrent enrollment course offerings vary by school and district.</div>																																																	

Note: For more information, talk to your school counselor.